Create Realistic, Synthesized Voices

With LumenVox Text-to-Speech

LumenVox®

THE MOST NATURAL AND REALISTIC SOUNDING SPEECH

The LumenVox Text-to-Speech (TTS) Server enables your application to synthesize text-to-speech to create the most realistic, natural sounding voices on the market.

SPEECH SYNTHESIS - create the most natural sounding voice

The LumenVox TTS Server provides text-to-speech synthesis, turning written text into spoken speech. It supports the Speech Synthesis Markup Language (SSML), a way to format text within XML to control the pronunciation of words, and it can also accept plain text in order to perform synthesis. When interacting with the LumenVox TTS service synthesized audio is provided back to the client application as a Real-time Transport Protocol (RTP) stream.

STANDARDS SUPPORT - let industry standards simplify development

LumenVox TTS can be accessed directly through using a gRPC API, or via the MRCP API server using Media Resource Control Protocol (MRCP) versions 1 or 2, allowing for drop–in replacement of other TTS engines in dozens of various voice platforms supported by LumenVox. Using either method you have total control of our TTS resources.

DISTRIBUTED CLIENT/SERVER ARCHITECTURE - seamlessly grow your speech environment

You can't afford service outages or hardware failures. The versatility of the LumenVox TTS client/server architecture allows your administrators to seamlessly grow speech environments. This distributed architecture provides stability through redundant installations and achieves higher levels of performance through load balancing, without requiring increased processor load.

Voice Packages

The LumenVox TTS Server is available in over a dozen languages with a variety of male or female voices for each language so that you can customize your solution to provide the most natural experience for your customers.

Language support includes: American English, Australian English, Brazilian Portuguese, British English, Latin American Spanish, North American Spanish, Castilian Spanish, Danish, Dutch, European French, European Portuguese, Icelandic, Indian English, Italian, Polish, Romanian, Russian, Swedish, Turkish, Welsh, Canadian French, Standard German, and more.

TURN WRITTEN TEXT TO SPOKEN WORD

The LumenVox Text-to-Speech (TTS) Server is a complementary solution to our Automatic Speech Recognition (ASR) engine, enabling your application to synthesize text-to-speech to create the most realistic, natural sounding voices on the market.

This technology is critical when reading dynamic computer data that cannot be prerecorded, such as reading live text from the Web or a street address from a database. Other common TTS uses include telephone systems, automotive applications, and programs to assist the disabled. With the ability to incorporate it into any computer or IVR application,

the LumenVox TTS Server provides an accurate and affordable speech solution for your telephony platform or software application.

SEAMLESS INTEGRATION

With the LumenVox Product Stack - Efficient and Simple

ASR and TTS products from different vendors often compete for machine resources or require elaborate programming to make them work in concert.

LumenVox maintains a tight integration among all of its products. The LumenVox ASR and LumenVox TTS interfaces incorporate the same look and feel, and the LumenVox MRCP API Server efficiently manages the resource demands system hardware.

Just as importantly, LumenVox TTS and LumenVox ASR can be configured together with the LumenVox Tuner Tool to ensure that the overall user experience can be optimized quickly both before and after production.

Contact